

19970803.qrp v00_n807.qrs.970803

>From ???@??? Mon Aug 04 02:37:53 1997
Date: Sun, 3 Aug 1997 19:03:06 EDT
Subject: QRP-L digest 807
Message-Id: <97Aug3.190334edt.35293-43898+99@fidoii.cc.Lehigh.EDU>

QRP-L Digest 807

Topics covered in this issue include:

- 1) [24217] Re: G4ZPY paddle
by Doug <doug@sunrise.alpinet.net>
- 2) [24218] Code Course
by Cleve Irby <cirby@bellsouth.net>
- 3) [24219] Paul Hardin & Janskys
by doug hauff <slmachco@fix.net>
- 4) [24220] Neat site
by Bob Liesenfeld <wb0poq@visi.com>
- 5) [24221] 9A7W/ Croatia
by n4so@juno.com (charles k brown)
- 6) [24222] Re: advice - please, enough
by Richard Mulvey <mulveyr@frontiernet.net>
- 7) [24223] help unsubscribe
by Walt Wingate <waltn2wa@webspan.net>
- 8) [24224] Re: MFJ 969 tuner
by Dave Sjolin <sjolin@swbell.net>
- 9) [24225] From the early days
by k5zty@juno.com (WILLIAM A STIETENROTH)
- 10) [24226] Excuse me, Paul
by doug hauff <slmachco@fix.net>
- 11) [24227] Re: Railroad Tracks?
by kt3a@juno.com
- 12) [24228] Re: Railroad Tracks?
by kt3a@juno.com
- 13) [24229] Bridges?
by kt3a@juno.com
- 14) [24230] 38S pictures
by n4js@amsat.org
- 15) [24231] Help!!!! CASCADE!!!!
by Alan Kaul <kaul@netcom.com>
- 16) [24232] Team Competition
by "Ron Polityka" <wb3aal@talon.net>
- 17) [24233] Tuner Test - V
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 18) [24234] Re:Jy/So/Whooooop - a Keeper :-)
by nskousen@scientech.com (Niel Skousen)
- 19) [24235] 10 Meters is Open

- by "Steve & Anne Ray" <sbralr@worldnet.att.net>
- 20) [24236] SST - works on 20M FB!(long)
by "rohre" <rohre@arlut.utexas.edu>
- 21) [24237] Re: Spider antenna F.S.
by Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
- 22) [24238] callsign server info
by Bob Roach <KE4QOK@worldnet.att.net>
- 23) [24239] Re: G4ZPY paddle
by Tony Fishpool <G4WIF@compuserve.com>
- 24) [24240] Re: QRP Quarterly Arrived - NE-QRP '72' Dead?
by Ken Lopez <kjlopez@earthlink.net>
- 25) [24241] heard where? open to where?
by Bob Hirsch <bobh@p3.net>
- 26) [24242] Re: 10 Meters is Open
by Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
- 27) [24243] Scout For Sale
by fmathews@norfolk.infi.net (Frank Matthews)
- 28) [24244] Argosy w/digital FS
by "Kelly Ellison" <kelman@dialnet.net>
- 29) [24245] G3BDQ SWR indicator for 300 ohm
by terres@juno.com (ANNE E TERRES)
- 30) [24246] HB: project case questions
by bachmann@ari.net
- 31) [24247] FS: Icom 706
by jcowgar@juno.com
- 32) [24248] FS: OHR WM-2 wattmeter
by "Vernon A. Hatley" <vhatley@flash.net>
- 33) [24249] QRP SSB Sprint
by N4JS <jsielke@pobox.com>
- 34) [24250] Re: Bad QRN !!
by Bill Crowley <bcrow@Carte.Net>
- 35) [24251] 38 Special filter info
by "Jim Kortge, K8IQY" <jokortge@mci2000.com>
- 36) [24252] HW-8 knob and dial face
by Karl Heimbach <heimbach@concentric.net>
- 37) [24253] Central Texas QRP Group Meeting
by Glen Reid <k5hgb@flash.net>
- 38) [24254] Summer Daze SSB Sprint
by n4so@juno.com (charles k brown)
- 39) [24255] computer files
by mark.milburn@commonlink.com (Mark Milburn)
- 40) [24256] tic 1 and ne ke
by "chuck munce" <k0gjx@msn.com>
- 41) [24257] Broadband Amp
by "Bob Kellogg" <ae4ic@nr.infi.net>
- 42) [24258] operating at QRPp level
by Scott Bauer <ke3nv@erols.com>
- 43) [24259] RE: railroad tracks

by Steven Weber <kd1jv@moose.ncia.net>
44) [24260] RE: railroad tracks
by Chris Trask <ctrask@primenet.com>
45) [24261] SSB Contest-BAH!
by n4js@amsat.org

Date: Sat, 02 Aug 1997 17:09:56 -0600
From: Doug <doug@sunrise.alpinet.net>
To: John Moriarity <k6qq@SOCAL.WANet.com>
Cc: doug@sunrise.alpinet.net, qrp-1@Lehigh.EDU
Subject: [24217] Re: G4ZPY paddle
Message-ID: <33E3BE44.330F4D0@alpinet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi again John...thanks for the note. I'll give him a ring one morning soon here...sounds like what I need.

72

Doug, K7YD

John Moriarity wrote:

> At 09:25 AM 8/1/97 -0600, you wrote:
> >HI John...just a note to ask where to get the ZPY paddles? I'd love
> to
> >have one
>
> Hi Doug,
>
> I ordered mine directly from:
>
> G4ZPY Paddle Keys International
> 41 Mill Dam Lane, Burscough
> Ormskirk, Lancs.,
> England L40 7TG
> Telephone (0704) 894299
>
> I checked with the international operator and found out when the
> cheapest time
> was to call. It turned out to be in the morning here. I called and
> talked

> with him and he took my VISA card number.
>
> Good luck and 72,
>
> John, K6QQ

Date: Sat, 02 Aug 1997 19:13:23 -0400
From: Cleve Irby <cirby@bellsouth.net>
To: qrp-1@Lehigh.EDU
Subject: [24218] Code Course
Message-ID: <33E3BF13.9F214F33@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Gang

Thanks to all who replied re: K5F0's code course.

37, de Cleve, NV40

Date: Sat, 2 Aug 1997 16:30:22 -0700 (PDT)
From: doug hauff <slmachco@fix.net>
To: qrp-1@Lehigh.EDU
Subject: [24219] Paul Hardin & Janskys
Message-ID: <199708022330.QAA13862@fletch.fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hey Paul, do you ever get headaches?.....By the way, I like your artwork, too.

73 Doug KE6RIE

Date: Sat, 02 Aug 1997 18:29:20 -0500
From: Bob Liesenfeld <wb0poq@visi.com>
To: QRP-L reflector <qrp-l@Lehigh.EDU>
Subject: [24220] Neat site
Message-ID: <33E3C2D0.C394655@visi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

While not strictly QRP, this site has a TON of cool radio related links:

<http://itre.ncsu.edu/radio/>

72

--

Genuine E-mail From the Land of the Everlasting Icicle...
Bob Liesenfeld
wb0poq@visi.com

Date: Sat, 02 Aug 1997 19:31:24 EDT
From: n4so@juno.com (charles k brown)
To: qrp-l@Lehigh.EDU
Subject: [24221] 9A7W/ Croatia
Message-ID: <19970802.063029.10039.1.n4so@juno.com>

9A7W - Operator name Ogi
Is working USA stations on 10.108 at 2318Z.

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-l #622
n4so@juno.com

Date: Sat, 2 Aug 1997 19:20:52 -0400 (EDT)
From: Richard Mulvey <mulveyr@frontiernet.net>
To: monson@cybercom.net
Cc: qrp-l@Lehigh.EDU
Subject: [24222] Re: advice - please, enough
Message-ID: <199708022320.TAA02310@node6.frontiernet.net>
Content-Type: text

>
> Talk about being full of ones' self - I am a member of the League (big
> deal) - and I
> still don't have any respect for an organization who is only in for the
> profit... Tell
> me how they can justify a 33+ increase in their dues every couple of
> years... Because
> of printing costs...

As someone in the printing business, I can tell you that the cost of paper *alone* justifies the price increases. Our paper costs have gone up over 60% in the past two years, due to a variety of factors. Any organization that acts as a publishing house is having to increase their prices just to remain at the same level.

- Rich

Date: Sat, 02 Aug 1997 20:14:44 -0400
From: Walt Wingate <waltn2wa@webspan.net>
To: qrp-1@Lehigh.EDU
Subject: [24223] help unsubscribe
Message-ID: <33E3CD74.522A@webspan.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HARD disk crash!!
please help unsubscribe me.
if this is directed to the wrong address, please help direct it
correctly or please send an e-mail to unsub me.

73,
walt n2wa

Date: Sat, 02 Aug 1997 17:42:10 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: qrp-1@Lehigh.EDU, kb0emb@swbell.net
Subject: [24224] Re: MFJ 969 tuner
Message-ID: <33E3B7C2.69D3@swbell.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Larry Trullinger wrote:

>
> -- [From: Larry Trullinger * EMC.Ver #2.5.02] --
>
> Anyone else on the list have one of these? If so, is there an 'easy' way to
> tune it when switching antennas? 'Easy' being less than 2-3 minutes of
> hunting for just the right position.
>
> Mine works great after spending lots of time tuning it. Having owned an MFJ
> 901B for many years, it just tunes right in. (5 secs) However the 969 seems
> to be a MUCH higher Q. Both capacitors and inductor are very sensitive to
> adjustment, a slight movement of either and the SWR meter is off the scale.
> Have used my MFJ 259 and three different rigs to tune with the same results.
> It does seem to match virtually anything when finally adjusted.
>
> Thanks for any helpful advice.
>

Larry a couple suggestions:

Write down the settings for each band. Then when you are returning to a
band you can just set the controls to the proper position and go.

Similarly, get some color dots from Office Depot or similar outlet and
mark the settings for key bands in color. Say red for twenty, blue for
forty, etc. I did this with my amplifier and I could qsy in seconds
without any tuning (just remember to change band switch - HI).

If you didnt want to go the dot route you could mark the settings in
pencil, just have to remember which band each is for.

73 de Dave, N0IT

Date: Sat, 02 Aug 1997 20:30:18 EDT
From: k5zty@juno.com (WILLIAM A STIETENROTH)
To: QRP-L@Lehigh.EDU
Subject: [24225] From the early days
Message-ID: <19970803.002556.5191.0.k5zty@juno.com>

Good evening to the Group,

This is not purely QRP so hit the delete button if you must. I read this a while back and just ran across it again today. I hope you enjoy reading it. In the days of 2kv plate voltages this was more serious than funny.

THE TEN COMMANDMENTS OF ELECTRONICS

It is traditional that all trades and callings have their Ten Commandments, - the fighting services, the printing trade, medical students, the Civil Service: they have all, at some time, produced some wag who circulated, under the noses of his masters, some ironic code of behavior. Telecommunications technicians and engineers are no exception and we imagine that as soon as the wonders of telegraph, telephone and radio were launched upon the world and the new breed of men were evolved who dealt with this new dark art, then a set of commandments appeared. Variations have continued to appear from time to time; and those quoted below appeared, from a source unknown, upon our desk. It seems only right and proper that they should be seen in our pages. After all, we are trying to fit pieces of the history of our art together and such commandments are surely a part of that history and should be recorded for posterity.

1. Beware of the lightning that lurketh in an undischarged capacitor, lest it cause thee to be bounced upon thy buttocks in a most ungentlemanly manner.
2. Cause thou the switch that supplieth large quantities of juice to be opened and thusly tagged, so thy days may be long in this earthly vale of tears.
3. Prove to thyself that all circuits that radiate and upon which thos workest are grounded, lest they raise thee up to high-frequency potential and cause thee to radiate also.
4. Take care that thou use the proper method when thou takest the measure of high voltage circuits so that thou dost not incinerate both thyself and the meter. For verily, though thou hast no account number and can be easily replaced, the meter hath one and as a consequence, bringeth much woe unto the Supply Department.
5. Tarry thou not amongst those who do deal in intentional shocks, for they are surely unbelievers and are not long for this world.
6. Take care that thou tamperest not with interlocks and safety devices, for this will incur the wrath of thy seniors and bringeth the fury of the safety officer down upon thy head and shoulders.

7. Work thou not upon energized equipment, for if thou dost, thy buddies surely will be buying beers for thy widow and consoling her in other ways not generally acceptable to thee.

8. Verily, verily I say unto you, never service high voltage equipment alone, for electric cooking is a slothful process and thou mightst sizzle in thine own fat for hours on end before thy Maker seeth fit to end thy misery and drag thee in His fold.

9. Trifle thou not with radioactive tubes and substances lest thou commence to glow in the dark like unto a lightning bug, and thy wife be frustrated nightly and have no further use for thee except thy wage.

10. Commit thou to memory the works of the prophets, which are written in the books of instruction, which give the straight dope and which console thee, and thou canst not make mistakes.

(From a publication of the British Directorate of Telecommunications)
Reprinted from the DIAMOND JUBILEE YEARBOOK of the Radio Club of America,
volume 54 no.3, Fall 1984

Thanks to Bill Gary (K8CSG) for the use of the book.

72,

Bill, K5ZTY

Houston, TX

k5zty@juno.com

WITHOUT CW, IT'S JUST CB

ARCI 8817, CQC 178, NOR-CAL 1321, MI 1472, NE 440

QRP-L 473

Date: Sat, 2 Aug 1997 18:23:45 -0700 (PDT)
From: doug hauff <slmachco@fix.net>
To: qrp-l@Lehigh.EDU
Subject: [24226] Excuse me, Paul
Message-ID: <199708030123.SAA26320@fletch.fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

That's Harden, no i. My Apologies.

Doug KE6RIE

Date: Sat, 02 Aug 1997 21:31:00 EDT
From: kt3a@juno.com
To: K5xu@cris.com
Cc: qrp-1@Lehigh.EDU
Subject: [24227] Re: Railroad Tracks?
Message-ID: <19970803.211304.5327.11.kt3a@juno.com>

Mike and QRP-L,

I went to the tracks today to get a closer look. I found that the rails are in fact welded together. Years back when I was a roaming youth (age 8 - 10), I seem to think that the rails they were bonded together with a heavy braided steel wire. So, at least they are electrically together.

Cameron C.R. Bailey <><
Amateur Radio, KT3A
kt3a@juno.com
Mount Wolf, Pennsylvania

Date: Sat, 02 Aug 1997 21:30:59 EDT
From: kt3a@juno.com
To: chunt@macromedia.com
Cc: qrp-1@Lehigh.EDU
Subject: [24228] Re: Railroad Tracks?
Message-ID: <19970803.211302.5327.6.kt3a@juno.com>

Yes! Keep me posted.
It would be interesting to see what frequencies the bridge is resonant at using an Autek RF-1 or MFJ unit.
I have noticed that when driving *under* a bridge, my NorCal 40 receives a sudden increase in signal.

Cameron C.R. Bailey <><
Amateur Radio, KT3A
kt3a@juno.com
Mount Wolf, Pennsylvania

On Fri, 1 Aug 1997 12:47:47 -0700 chunt@macromedia.com (Christian Hunt) writes:

>>My next antenna may be a steel bridge.

>>Anyone load one up?

>

>Funny you should say that. A project we have called 'The Bridge Club'
>is

>just that. We're preparing to attempt loading up into the Golden Gate
>Bridge. Will

>definatly post results to the list.

>

>73, KF6IHU

>

>

>

Date: Sat, 02 Aug 1997 21:31:00 EDT

From: kt3a@juno.com

To: KE4QOK@worldnet.att.net

Cc: qrp-l@Lehigh.EDU

Subject: [24229] Bridges?

Message-ID: <19970803.211305.5327.12.kt3a@juno.com>

Bob and QRP-L,

Thanks for the words of wisdom.

They will be truly taken into
account. I have played around
these tracks for all my life,
so I don't think of those things.

I am familiar with ConRail and
will not trespass. There are
problems with dirt bikes, ATV,
etc, around the tracks. No doubt
my posting is already in the
hands of ConRail. I was only
curious as I always am!

But I will try to see if in theory
it would work. I have friends who
work for the railroad in their comm
maintenance.

I do have access to an abandoned
steel bridge, open to the public.

It was too costly to tear
down when a new one was built.

Cameron C.R. Bailey <><
Amateur Radio, KT3A
kt3a@juno.com
Mount Wolf, Pennsylvania

BTW, I am not kidding about not noting any thump.

```
John L. Sielke n4js@amsat.org n4js@pobox.com  
|_ \ | _ | _ | _ | / _ |  
n4js@qsl.net NJ Grid:FM29LN  
| . | | _ | | | | \ _ |  
http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884  
|_ | \ | | | \ _ | / | _ |  
QRP-ARCI #9328 CQC #443 CQrp #50  
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243  
WIMPS Os=031 30m=28 17m=3 12m=0 States=09/02/00 Countries=16/02/00
```

I come before you with I-can't-believe-I-lost-the-instructions look upon my face, but I did.

I bought the CASCADE a couple of years ago when it was offered by Norcal.
I probably opened the package and set the kit aside and studied the
instructions..... then put them down somewhere and decided just this
weekend to build it!!!! I found the kit -- but the instructions are missing.

Oooops. If anyone has a set of instructions and is willing to photocopy
and mail them, I will happily send the green-stamps to pay the cost of
duplication and mailing. If you'd prefer, I'll be happy to send the
green-stamps in advance along with an SASE.

Thanks and 73/72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

Date: Sat, 2 Aug 1997 22:06:15 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [24232] Team Competition
Message-ID: <199708030210.WAA29604@pelican.talon.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello fellow QRPers. Wonder if anyone out there know about
the Team Competition.
Where do you send the list on the team and what info. do you
have to have on the list. What is the dead line to have the list handed in?

Thank for any information.

73 & Good DXing
Ron de WB3AAL

wb3aal@talon.net

OWL's Radio Club

QRP # 5318	PA QSO Party 1996 Small Club Gavel
G-QRP # 3031	PA QSO Party 1996 Active Member, High
10-10 # 13173	Average Aggregate Award
QRP-L # 1099	

Date: Sat, 2 Aug 1997 22:14:48 -0400
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: "qrpforum" <qrp-l@Lehigh.EDU>
Subject: [24233] Tuner Test - V
Message-ID: <199708030215.WAA21910@mh004.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Gang, I'm testing tuners again.

This test was on the Super Tee tuner as described in SPRAT No. 72 and ARCI QQ June '92. Bill Kelsey of Kanga USA sells a kit of parts to build it. Several QRP-L members reported using the Super Tee, and Bill asked me if I would test it.

The Super Tee is an unusual design. It is actually an "L" design with seven individually switched inductances and a variable capacitor. It has a 4:1 balun on the input side and matches both balanced and unbalanced lines. The tuner is designed to match impedances of 12.5 ohms and up.

I tested the Super Tee in the unbalanced condition first and was disappointed in the results. Bill suggested that I remove the balun and test again. With the balun removed, the tuner was one of the most efficient on the list!! (with the balun removed it would not match less than 50 ohms, of course) Since then, we've been trying to find a more efficient balun.

When I tested the balanced condition, there was an entirely different result. The tuner was much more efficient (1 to 3dB better) and even broader range. It matched 160M balanced lines, but not unbalanced!

We decided to publish the test results for the tuner as it is, although Bill plans to improve it if he can.

It is important to remember that the information below is a summary, and cannot indicate performance on any individual SWR/Frequency combination.

Some tuners perform better on certain frequencies than others. These results are based on testing one or two tuners which may or may not be representative of all of the tuners of the same model. (particularly true of kits which may have variations in wire routing)

Test Results:

POWER REQUIRED - Normally, I do not make power tests. The AT-11

tuner requires a certain amount of power to make it cycle, however, so this is of interest to QRPers. The literature indicates .1 watt minimum.

However, .1 watt would cycle the tuner only if the antenna load was 50 ohms. Otherwise, up to .7 watt was required to produce an accurate cycle. In some cases, if the tuner was fed less than adequate power, it would give a false reading. (indicate a match of less than 1.5 SWR, when actual SWR was 2.0 or higher)

The tuners are normally tested for five conditions:

RANGE - The number of SWR/Frequency combinations, within the advertized frequency range of the tuner, that could actually be tuned to 1.1:1 SWR or better.

Results:

MFJ-949E	137/162 (137 out of 162 possible)
ZM-1	140/144
St. Louis	138/144
Murch 2000A	71/72
LDG AT-11	(see notes 1,2)
Super Tee	89/126

Note 1: The AT-11 is designed to tune to 1.5 SWR or less. It would often tune to 1.0, 1.3 or something else below 1.5. From a practical standpoint, these SWRs are acceptable. Within it's advertised range, (excluding 160M) there were just 3 combinations tested which did not tune to 1.5 or better. (This is similar to the results obtained with the other tuners tested.)

Note 2: LDG spells out the range their tuner will cover clearly, ie., from 6 ohms to 800 ohms impedance. This was an accurate representation.

EFFICIENCY - The number of SWR/Frequency combinations, within the advertized frequency range of the tuner, which resulted in less than 20% (approx. 1 db) power loss.

Results:

MFJ-949E	49/162
ZM-1	60/144
St. Louis	1/144
Murch 2000A	35/72
LDG AT-11	30/40 (excluding 160M)
Super Tee	9/126

AVERAGE LOSS PERCENTAGE - The average signal loss of all of the SWR/Frequency combinations which would match to 1.1:1 or better.

Results:

MFJ-949E	29%
----------	-----

ZM-1	22%	
St. Louis	43%	
Murch 2000A	22%	
LDG AT-11	14%	Note: Match was 1.5:1 or better, not 1.1:1.
Super Tee	39%	(Bal = 30%, UnBal = 49%)

SWR BANDWIDTH - The number of SWR/Frequency combinations, within the advertized frequency range of the tuner, which enabled a tuning range greater than 5% of the primary frequency. (5% on 7.2MHz is 360Kc) (Once the tuner is set, how far can we tune from the frequency before SWR climbs to 1.5?)

Results:

MFJ-949E	73/162	
ZM-1	61/144	
St.Louis	77/144	
Murch 2000A	22/72	
LDG AT-11	36/40	(excluding 160M)
Super Tee	67/126	

BALANCE - The number of SWR/Frequency combinations, within the advertized frequency range of the tuner, indicating a balanced output with less than 1.5:1 difference between the lines.

Results:

MFJ-949E	52/81	
ZM-1	72/72	
St. Louis	72/72	
Murch 2000A	N/A	(Murch is an unbalanced only tuner)
LDG AT-11	N/A	(unbalanced only tuner)
Super Tee	63/63	

TUNER DESCRIPTIONS:

MFJ-949E: A C-L-C "T" design. Uses a tapped air inductor. Rated at 300 watts. Balun provides balanced output. Tunes 160M through 10M. Case about 3-1/2" X 10-1/2" X 7-1/4"

ZM-1: A "Z-match" design. Uses a ferrite core inductor. Rated at 15 watts maximum. Link coupled for balanced output. Tunes 80M through 10M. Case about 2-1/2" X 5" X 1-1/2".

St. Louis: A C-L-C design. Uses a tapped ferrite core inductor. Rating unknown, probably 25 watts or more. Balun provides balanced output. Tunes 80M through 10M. Case about 2-3/4" X 6-1/4" X 5".

Murch UT 2000A: An "Ultimate Transmatch" design popular in the 1980's and found in the 80's Handbooks. (This one did not have the "SPC" mod) Rating 2000 watts. Unbalanced output only. Tunes 80M through 10M. Case about 5-1/2" X 12" X 12".

LDG AT-11: An automatic tuner consisting of the "L" design with switched capacitance and inductance. Power rating is 10 watts. Tunes 160M through 10M. Case about 5" X 6-1/4" X 1-1/4".

Super Tee: An "L" design with seven switched inductances and a variable capacitor. Includes a 4:1 balun on the input side. Power rating unknown, probably 25-35 watts. Tunes 160M through 10M. Home Brew or kit, but will fit in a small rig sized case.

The test methods used were described by Frank Witt, AI1H, in his April, May, 1995 articles in QST, and in the Antenna Compendium V.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Probably, but not nececelery. -- Benny Hill

Date: Sat, 2 Aug 1997 20:19:52 -0600
From: nskouen@scientechn.com (Niel Skousen)
To: qrp-l@Lehigh.EDU
Subject: [24234] Re:Jy/So/Whooooop - a Keeper :-)
Message-ID: <v01510101b0099a8ed802@[205.180.127.52]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks Paul, Thats a keeper, but where's da badgers ??

Date: Sat, 2 Aug 1997 16:11:05 -0600
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU
Subject: [24215] CONTACT's 100 Jansky's/dBm's (long)
Message-ID: <199708022211.QAA29569@zia.aoc.nrao.edu>

In the movie CONTACT, there are a couple of references to the received signals being "100 Jansky's." I have had several emails asking about this, and thought I'd pass it on to QRP-L, for those also interested.

QUICK, SWEET AND SIMPLE ANSWER ...

....
A LITTLE MORE DETAIL ...

....
AND EVEN STILL MORE INFO FOR THE JANSKY NEOPHYTE ...
(Hit DELETE key here if you're getting bored)

...

ObQRP: What, you don't call -250dBm signals QRP?

This moment of insanity brought to you by ...

Paul NA5N

whoooooo whoooooo (dit dit through an integrator, Chuck)

Date: Sat, 2 Aug 1997 23:23:51 -0400
From: "Steve & Anne Ray" <sbralr@worldnet.att.net>
To: "QRP Group" <qrp-1@Lehigh.EDU>
Subject: [24235] 10 Meters is Open
Message-ID: <19970803032414.AAA21434@pentium>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I just finished a fb QSO with a NJ station, followed by a QSO in Connecticut and finally Vermont on 10 Meters tonight. Running 5 W to my HW-101. The amazing thing is this was at 10:30 PM local time. I heard plenty of East Coast Stations calling CQ Contest for the 10-10 Contest so the band is starting to open up. Yet 15 M seemed dead. Lets all get on 10 and 15 Meters and see what happening.

I also heard several QRP beacon stations again all on the East Coast this evening.

Most of the stations I worked were amazed I was QRP.

Just wanted to pass the word conditions are improving.

72

Steve Ray K4JPN ex K1VKW HW-101, HW-8, SWL 30-40 and NC 38S Heath
Kit fan

Date: 2 Aug 1997 23:12:53 -0500
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-1@Lehigh.EDU
Subject: [24236] SST - works on 20M FB!(long)
Message-ID: <n1341558912.50203@msmailgw1.arlut.utexas.edu>

Decided to build my SST kit out of its turn in the unbuilt kit parade.

Would be a worthy thing to show today to the Summerfest QRP Forum as an example of Wilderness kit, NorCal and Wayne's inspiration and all the good that comes of these projects.

Started it very late (11) Thurs. nite, but did take time to inventory parts and check off, and put groups of like components in a muffin pan with small compartments, except where I used differing compartments to keep the one different xtal away from the filter matched xtals, etc.

These color bands on resistors are still hard to read with two regular lights and one halogen lamp, and even a magnifier! The markings on T0 diodes cases are very faint! Wish the part value was given with the component R number, or C number where the step is written to install a given resistor or capacitor. But that is what an extra parts list at hand will do, is ease the need to page to back of book each time.

Worked on it steady but carefully, til 3AM Fri., (way too long.) Got groggy, so quit for night. Took it up again on Fri. afternoon, took a break to QRP'ers supper and swap meet preview, and back on it at 10 PM , to 2AM today Sat. when smoke test was done. A quick listen successfully to a dead 20M band. But I recognized those band noises 20M makes here after it dies for night. First powered up off a known good gel cell, and with current meter in series with 12 volt line. Draws between 17 ma and 18 ma, just as expected.

Read the transmit tune up, and gingerly key the key, after rewiring a J38 key to proper plug for SST, and then rewiring a Whiterook key to a new cable and plugs as well to use for SST. (Whiterook needs a cable with 1/8 plug for the key base, as well as for SST rig.) Why does every kit have differing connectors?

Anyway, gingerly key down first time, after setting up adapter plugs , coax, SWR Power meter, (stopping to change out battery in it), and losing time to search for my 2 watt dummy load. (Don't rearrange the ham shack desk top just before starting a new kit, you lose track of all these incidentals you need to build and test a rig!) There now, no smoke and hear sidetone in the hi fi stereo phones I am using---but, no indication on the wattmeter hooked to dummy load. Has a driver working obviously, but is the final not there? With some fear, I reached for the tuning tool, and twist the Cap---wow! The modified to 2W scale Ten Tec power meter kit springs to life, and pins at 2W. This is nice to see! Let's stop and try again when band is open.

7:30 Am up to get ready for Summerfest ham meet, but have to see what the rig will do. Turn it on with vertical antenna. Right off hear high speed machine like CW, too fast for me. Tune some more, wow, what a narrow filter 4 poles gave on this one! There is another signal, slow enough to be ham, and spaced

funny. What was his call? Too late --gone, well go for broke and CQ. No return, well at least it is putting a clean sounding note; (instead of sidetone, that is actual transmitter you hear in phones.) Sounds pretty and stable. Got to go to the ham meet to prepare for afternoon session, but we can show it and say it came right up and the case looks nice, and the labels made from overhead transparency film are a quick way to mark the controls.

Good job Wayne, Norcal and Wilderness! The radio was a hit, and we had to almost lock the forum door to get the little radio back from the crowd before they all went home !! :-)

This was a relaxing kit to build, just a few interference fits from the closeness of the trimmer caps to other parts, (and my desire to use IC sockets abetted that.) The outstanding thing is having a kit with all the switches, connectors and indicators wired on the board, removing the need for wire jumpers to case mounted parts! Probably one reason some other kits are never finished by new kit builders is the need to figure out case mounting and discrete wired controls and connectors.

I hope the SST will be offered as a kit for awhile, for it is worthy of wide use in new ham programs with this ease of construction.

Thanks folks,
72, Stuart K5KVH

Date: Sun, 3 Aug 1997 00:58:04 -0400
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
To: "Thomas J. Whalen" <whalen@swcp.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [24237] Re: Spider antenna F.S.
Message-ID: <Pine.3.89.9708030001.D5112-0100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Price?

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** Hamfest, life's simple joy *

On Sat, 2 Aug 1997, Thomas J. Whalen wrote:

> Hello QRPers, I traded for a Spider mobile antenna with all the coils(8).
> It works, but I like the "old bugcatcher" better. Im willing to sell or

> trade this antenna for a qrp rig. The antenna has hardly been used and is
> in mint conx. Not sure what to ask for it, advertisement in QST does not
> disclose the price. Antenna will cover 80,40,30,20,17,15,12,10,6 meters.
> Sorry.....no 160!!! 72, Tom WB5QYT Albuq. NM 505-237-2005
>
>

Date: Sun, 3 Aug 1997 07:09:49 +0000
From: Bob Roach <KE4QOK@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [24238] callsign server info
Message-ID: <19970803070947.AAA29168@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

does anyone know of a callsign server that lists the date that a person was
first licensed. The ones that I have used all list the last upgrade/renewal
date and the expiration date but not the date that a person was first licensed.

(o o)
_____o00_()_00o_____
73 es TNX Advanced, W5YI VE, ARRL Member 136 Hermitage Road
KE4QOK KE4QOK@worldnet.att.net Newport News, VA 23606
Bob ke4qok@juno.com (757)930-0348

Date: Sun, 3 Aug 1997 03:41:45 -0400
From: Tony Fishpool <G4WIF@compuserve.com>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [24239] Re: G4ZPY paddle
Message-ID: <199708030342_MC2-1C36-B850@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

>From John K6QQ

>I ordered mine directly from:

> G4ZPY Paddle Keys International
> 41 Mill Dam Lane, Burscough

> Ormskirk, Lancs.,
> England L40 7TG
> Telephone (0704) 894299

We like to fool around with our telephone numbers every year or so, just to fool the foreigners (well it fools us!). The zero is now followed by a one, so it's 01704 894299, but of course you don't need the zero when dialing from the states, just the international code for good old blighty.

News of Doug KI6DS. He's having a ball driving on our roads. Ask him (when he gets back) about how much he likes our roundabouts!

72

Tony - G4WIF/KI8CR

Webmaster for the G-QRP club

<http://ourworld.compuserve.com/homepages/g4wif/gqrp.htm>

Date: Sun, 03 Aug 1997 01:03:38 -0700
From: Ken Lopez <kjllopez@earthlink.net>
To: k5zty@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [24240] Re: QRP Quarterly Arrived - NE-QRP '72' Dead?
Message-ID: <33E43B5F.1BAB@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What is the subscription info?

Date: Sun, 03 Aug 1997 07:46:35 -0400
From: Bob Hirsch <bobh@p3.net>
To: qrp-1@Lehigh.EDU
Subject: [24241] heard where? open to where?
Message-ID: <3.0.1.32.19970803074635.007239dc@p3.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Guys --

I don't want to start another whole thread on this; but if you're going to post a message to tell the group some band is open or that you heard some

exotic station prefix, be sure and also tell us YOUR QTH, so the messages have some meaning to the rest of us.
Remember, this is a world wide list.

72/73 de Bob, W3CW

Date: Sun, 03 Aug 1997 08:58:25 -0400
From: Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
To: sbralr@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24242] Re: 10 Meters is Open
Message-ID: <33E48071.15F9@postoffice.worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

There was a lot of activity on 10 meters yesterday and should be today due to the 10-10 International Summer Phone QSO Party this weekend.
Condx were fine yesterday, hope they are as well today.

--

73 de
KI8CZ
Tom Isgro
OHIO

10-X #68364	SCI #1479	QRP-L #945	ARS #203
C.A.T.T #2115	FIST 2360	NORCAL	ARRL

Date: Sun, 3 Aug 1997 09:50:59 -0400 (EDT)
From: fmathews@norfolk.infi.net (Frank Matthews)
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [24243] Scout For Sale
Message-ID: <v01530501b00a05b3ee11@[208.131.169.204]>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Fellow QRPer's,

I am offering the following in order to make room for more stuff:

Original Price

555 Scout Transceiver	549.00
40M Band Module	included
with radio purchase	
10 M Band Module	29.00
30 M Band Module	29.00
Noise Blanker	19.00
Microphone	24.00
Freight	
25.00	

Total
675.00 (What I paid)

SELLING
PRICE.....525.00 (AND I'LL
PAY THE SHIPPING)

This radio is like new (purchased on 4/15/97 from Ten-Tec). Reason for
selling....want more stuff and this radio duplicates what I already have.
Please reply directly and not via the group.

73,

Frank

Frank Matthews
Technology Education Department
Oscar F. Smith High School
Chesapeake, VA 23320
fmatthews@norfolk.infi.net
KC4FKX QRP-L #1079 CQC #434 NorCal #2232 AK/QRP #199
Grid Square FM16

Frank Matthews
Technology Education Department

Oscar F. Smith High School
Chesapeake, VA 23320
fmathews@norfolk.infi.net
KC4FKX QRP-L #1079 CQC #434 NorCal #2232 AK/QRP #199
Grid Square FM16

Date: Sun, 3 Aug 1997 09:40:13 -0700
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [24244] Argosy w/digital FS
Message-ID: <199708031439.JAA25118@shell.dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello All,

I have an Argosy 525 that has Digital Readout, Noise Blanker and Filters.
Some Scratches and Nicks.. I am asking \$400.00, and I will ship it. Trades
for other QRP gear would be considered. Email direct at kelman@dialnet.net
. The Digital Display has been added. Inquire for more details.

Best Regards,

Kelly Ellison
WB0WQS
QRP-L #702
Aurora, Missouri

Date: Sun, 03 Aug 1997 11:14:11 EDT
From: terres@juno.com (ANNE E TERRES)
To: qrp-l@Lehigh.EDU
Subject: [24245] G3BDQ SWR indicator for 300 ohm
Message-ID: <19970803.100238.9943.0.Terres@juno.com>

>I was reading thru a bunck of books on antennas and found a simple SWR

>indicator for those with a 300 ohm ribbon feedline. The source is

>PRACTICAL

>WIRE ANTENNAS by John Heys (G3BDQ) pg84.

>

>It uses a pair of 60 mA lamps connected "back-to-back". If the lamp

>closest

>to the transmitter glows normal brilliance and the other lamp does not

>light

>or very dimly does, the SWR is less than 2:1.

>

>DESIGN: I will "try" to describe the arrangement. Take a 12" piece of

>300 ohm

>tv line and solder the wires together at each end. At the mid-point of

>the

>ribbon cut one of the wires and strip back the insulation about 1/4"

>on each

>wire. Each of these wires connect respectively to the case of a lamp.

>The

>bottom connection of each bulb is commonly joined. The assembly is

>laid

>parallel to the antenna feed line and taped to it. Carefully one of

>the wires

>in the 300 ohm feed has a small amount of insulation removed and the

>wire

>connecting the common base of the lamps is attached here.

>

>Hope this might be of some value to you back packers...Alan KB7MBI

>

>

I have read this before and wondered several things which reflect my lack of understanding but if you understand it well enough I would sure like to know the answers:

Will it work with qrp or does it require qro? Is there a way to do this with LEDs

and which end gets the long lead on the LED (if applicable)? Once happy with the SWR should it be detached to keep from draining off transmitted power? Does it need to be right at the transitter or can it be anywhere along the feed line? Does it reflect the feed line being well matched to the antenna or if it is right at the transmitter does it reflect the transmitter being well matched to the feed line?

Could this be used with 300 to 50 ohm transformer transformer described for for feeding folded dipoles in the '94 ARRL handbook, p 33-14? e.g for 30 meters: a 46' 2 1/2" length of 300 ohm twinlead with ends shorted and also wiith shorting straps 38' 10 1/2" apart and fed in the middle with any length of 300 ohm twinlead but with either a "13' 10" open twinlead stub" OR a "107 pf silvermica cap" that is attached to the 300 ohm feed line 4' 10" from the transmitter end. Would you put it between the transmitter and the capacitor or between the antenna and the capacitor?

tnx es 72 &73
jerry aa1of

Date: Sun, 3 Aug 1997 11:26:55 -0400 (EDT)
From: bachmann@ari.net
To: Conway Yee <cyee@bidmc.harvard.edu>, George Gingell <k3tks@u1.abs.net>
Cc: qrp-1@Lehigh.EDU
Subject: [24246] HB: project case questions
Message-ID: <199708031526.LAA06948@mtolympus.ari.net>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Conway,

I was asleep at the switch and just ran across your ammo box questions. My entry to the Dayton Building Contest was an .30 cal ammo box 38 special with the rainbow bridge (not the tuner) and a 4 amphr gel cell.

The covers of standard 30 and 50 caliber ammo boxes are removeable with no modification. You just slide the lid to the side after it is open.

If you put all the connections in a panel recessed so that the lid closes, you will maintain the watertight nature of the box when it is closed.

If the heat to be dissipated is not too great (my 38s has the 5 watt variable power mod and has no problem with heat), you can use the internal structure attached to the front panel as a heat sink. This would apply if you used a plastic case also.

Here's how my entry was constructed:

1. Attach two rails to the ammo box in the long dimension. These are for the front panel to attach to. Two captive nuts are attached to each side rail for the screws that hold the front panel. Since the face of the rail limits the use of the front panel near the top and bottom edge, the rail needs to be as narrow as possible while allowing strength and rigidity and space for the fasteners that hold the front panel. I attached the rails to the ammo box with pop rivets, sealed the pop rivets from the inside with epoxy and painted them on the outside with modelers paint to match the ammo box. Only the rails are attached to the ammo box everything else lifts out for easy access.

2. Mount a structure on the back of the front panel to support all of the insides....two side plates are attached to the front panel with aluminum angle (the same stuff used for the rails). The side plates run vertically, the short dimension of the panel. The space between the side plates is bridged by a shelf. Circuit boards can be mounted on either side of the shelf. Looking from the front panel, the edge of the internal side plates/shelf looks like a

shallow "H". The circuitboards and heat sinks mount to the shelf. If the "H" is mounted to one side and the shelf is only as wide as necessary to mount the board, the rest of the box can be used as a battery compartment. The sideplates and shelf extend all the way to the bottom of the ammo box (unless you want to put a plate on the back of the h and affix the batteries to that plate so that the battery compartment is on the bottom instead of one side). The shelf doesn't go all the way to the front panel, so that controls can be mounted without worrying about the front edge of the shelf.

3. Assembly order: put the battery between the rails and slide it to the hinge side (on the right). Put the battery cover in, and slide it between the battery and the bottom edge of the rails over to the hinge side. The battery cable can come up through a hole on the right edge of the battery cover. The battery cover plate (non conductive) is spaced away from the front panel by the width of the rails that are against the sides of the ammo case. The other edge of the battery compartment is formed by the side plate when the front panel is lowered into the case. Lower the front panel into the case and put in the screws that hold the panel against the rails. Put the lid back on and close it.

The shelf, side plates, rails and pieces of angle are all aluminum. Rack handles are used on the ends of the panel so that it can be easily pulled out when the mounting screws are removed.

My only concern is for outgassing of the battery during charging. By design, you cannot charge the battery with the ammo box closed. The front panel should not seal tightly , a vent in the front panel would be a good idea.

Send me a note directly if you have any questions. If you are interested, I can make a drawing.

GL and 73, Rich, N3SLR, Baltimore, Md

Date: Sun, 3 Aug 1997 11:49:38 -0400
From: jcowgar@juno.com
To: qrp-1@Lehigh.EDU
Subject: [24247] FS: Icom 706
Message-ID: <19970803.114938.9318.2.jcowgar@juno.com>

I am sorry to say that I have to sell my Icom 706. A household member who brought in most of the income has been off work for quite some time due to back problems, money is getting tight. I will still have my 38 special :)

The 706 works great at QRP levels, and draws at most 3amps. Sounds like alot, but it's a full featured, microprocessor radio. It's small, easy to use, great for field work. I'm sure most of you know what it is, but here's a little details on it.

All mode (including FM) on bands 160-2m. Full capable output is 100 watts on 160-6, while it's 10 watts on 2m. On all bands offsets are configurable, 100 memory channels with alpha-numeric id's, a 20db preamp (great for weak qrp signals), and a 20db attunator. It's dual VFO, the front is detachable (cable is included to allow this operation). Includes RIT, an option is an automatic antenna tuner, IF Shift, computer interface, AM, USB, LSB, FM, FM-W, and RTTY modes. Supports Full Break in keying, semi-break in keying, and no break in (have to hit transmitt button), speach compressor, VOX, PL tones for repeaters, Full scanning features, General coverage recieve (500Khz - 200Mhz), Band Scope, and Easy to use menu system.

The radio is in mint shape, just purchased in March, used in shack only, never moved once since installation. Face Seperation cable included. Will ship in original box. I paid \$1,200.00 and am asking \$900.00/obo. All original documentation is included, and warrentee card is also included, and not filled out!

I also have a Pyramid 26amp power supply to toss in for an additional \$80.00, and a Duplexer (CF-360) to sperate the HF/6m antenna jack into two antenna jacks one of HF and of course the other being 6m for \$50.00

Please respond via email, not to the list. Thank You,

Jeremy Cowgar - KB8LFA
jcowgar@juno.com

Date: Sun, 03 Aug 1997 10:53:48
From: "Vernon A. Hatley" <vhatley@flash.net>
To: qrp-l@Lehigh.EDU
Subject: [24248] FS: OHR WM-2 wattmeter
Message-ID: <3.0.2.16.19970803105348.27d779d0@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Built and aligned; like new. Paid \$94.95 less than one year ago. This is a must have for QRP ops. Will ship for \$75 CONSUS. Thanks.

--

KK5R0

Vernon A. Hatley
Shawnee, OK

Date: Sun, 3 Aug 1997 11:54:07 -0400 (EDT)
From: N4JS <jsielke@pobox.com>
To: qrp-l@Lehigh.EDU
Subject: [24249] QRP SSB Sprint
Message-ID: <Pine.LNX.3.95.970803115241.855A-100000@jsielke.ppp.cyberenet.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

OK, I have the WM20 sitting on 14285 awaiting the start of the QRP ARCI "Summer Daze" SSB sprint. If I make a contact, it will be the first SSB contact in a LONG time!

See somebody there?

```
-_-|_|-|-_--   John L. Sielke n4js@amsat.org n4js@pobox.com  
|\|||_| _ | / --|  
|. ` || _ _|| || |\__\  
|_| \_| |_| \|_/ |___/  
NE-QRP #507 G-QRP #9544
```

n4js@qsl.net NJ Grid:FM29LN
<http://www.qsl.net/n4js>

NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
NorCal #1989 QCWA FISTS #2781

Date: Sun, 03 Aug 1997 13:03:54 -0400
From: Bill Crowley <bcrow@Carte.Net>
To: malman@BBN.COM
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [24250] Re: Bad QRN !!
Message-ID: <33E4B9FA.7379@carte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Joel --

This may be stating the obvious, but sometimes the obvious isn't.

I've had the same problem here several times in hot weather, and each time found it to be dirty insulators on the powerline. When the

salt/grime/dirt builds up and the area has no rain for an extended period of time (like this year), there will start to be a discharge across the porcelain insulators, particularly at the "pole pig" transformers.

A good way to check is to swing your tribander across the nearest pole location (assuming it's fairly close to your house). The one that usually acts up at my location is about 75 feet from my tower, and I can see the noise level go up on my receiver as I swing the beam.

If this is the problem, call the power company and ask them to take care of it. In most states, they are required to when a customer complains. But in any case, DON'T try to do anything yourself. In addition to the strong chance of being electrocuted, you will be legally liable for anything that goes wrong.

One other point: Sometimes a loose connection at the pole will yield the same QRN. A popular diagnostic method is to take a sledge hammer and whack the pole a couple of times to see if the noise goes away or changes. DON'T do it! If on the outside chance that the whole transformer is loose, and you jar it enough to free it up, well, imagine yourself looking up to see the "pole pig" coming down! Enough said.

72/73 de Bill, K1NIT

Date: Sun, 03 Aug 1997 13:22:45 -0400
From: "Jim Kortge, K8IQY" <jokortge@mci2000.com>
To: qrp-l@Lehigh.EDU
Subject: [24251] 38 Special filter info
Message-ID: <3.0.1.16.19970803132245.2b277c98@mail-cluster.pcy.mci.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii

The 38 Special filter info went out this morning (Sunday).

Let me know if you didn't get your copy, or you didn't ask before. I sent it to a list, and that's the first time I've tried that approach. Maybe nobody go it! ;-(

72....Jim

Jim Kortge, K8IQY (ex NU8N)		NorCal, QRP-L
jokortge@mci2000.com	__o	H.F. bicycle mobile

Fenton, MI |_`\<, Mizuho 17/40 SSB
... .. (*)/(*)
NorCal 38S/30 Log - 34 States; 40 Countries - Running 3 watts
Most recent - Iowa Mauritius

NorCal 38S/17 Log - 2 States; 2 Countries - Running 2 watts
Most recent - Virginia St. Martin

Date: Sun, 03 Aug 1997 12:41:01 -0500
From: Karl Heimbach <heimbach@concentric.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [24252] HW-8 knob and dial face
Message-ID: <33E4C2AD.DE7@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello group,

Thanks again for the help that several of you provided in repairing this rig. I'm now at the point of completing a total restoration, and am in need of a dial face and one of the small green knobs.

Does anyone have a junker with either or both of the above that they would sell?

All replies appreciated and answered.

Regards,

Karl - W5QJ

Date: Sun, 03 Aug 1997 12:44:31 -0500
From: Glen Reid <k5hgb@flash.net>
To: QRP-1 List <qrp-1@Lehigh.EDU>
Subject: [24253] Central Texas QRP Group Meeting
Message-ID: <33E4C37E.4CFFA3FF@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The long awaited:

CENTRAL TEXAS QRP RADIO GROUP MEETING

will happen:

Saturday
September 6, 1997
10 AM

MOTOROLA OAK HILL PLANT
6501 William Cannon Drive West

TOWN LAKE ROOM
Enter through the Main Entrance, ask security guard for directions to
Town Lake Room.)

Everyone Will Receive a Door Prize! - SPECIAL PRIZES!

Bring your projects for Show and Tell.

For additional information contact
GLEN REID, K5HGB
512 263 9767 or Email k5hgb@flash.net

--

GLEN REID
K5HGB
Austin, Texas
...in the beautiful hill country of TEXAS...

Email: k5hgb@flash.net

Date: Sun, 03 Aug 1997 13:59:36 EDT
From: n4so@juno.com (charles k brown)
To: qrp-1@Lehigh.EDU

Subject: [24254] Summer Daze SSB Sprint
Message-ID: <19970803.005807.4391.18.n4so@juno.com>

1200 to 2000 local Aug. 3 Sunday
Operate any 4 hours
Send RS and your state (or province or country)
3,865
7.285
14.285
21.385
50.130

August QST 1997 page 95 has details.

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-1 #622
n4so@juno.com

Date: 02 Aug 1997 06:36:44 GMT
From: mark.milburn@commonlink.com (Mark Milburn)
To: qrp-1@lehigh.edu
Subject: [24255] computer files
Message-ID: <219742174.147949@commonlink.com>

I was asked how I solved the problem of the "busted" computer file. The file was in a small directory, so I added an extension to every file in the directory except the targeted one. Then I used "rename *. journal". The computer then renamed all files without extensions "journal". Since there was only one, it was the one I wanted. Then I went back and renamed the files I had added extension to, and everything worked.

72 mark

Date: Sun, 3 Aug 97 18:25:59 UT
From: "chuck munce" <k0gjx@msn.com>
To: "mnqrp" <mnqrp@qsl.net>, "nothern lights radio society" <nllrs@qsl.net>, "qrp-1" <qrp-1@lehigh.edu>
Subject: [24256] tic 1 and ne ke
Message-ID: <UPMAIL05.199708031830090956@msn.com>

i just finished the tic-1 keyer and wow am i impressed. it went together in about 20min and worked the first time. its easy to operate and will fit anywhere. the next day i got in the mail the ne ke paddle and again wow it operates just as easy as my bencher. i plan to build it and tic-1 into my next qrp rig.i saw both of these in aug 97 cq mag i have no connection with either co.its just neat to see small co. come up with neat stuff 73 chuck k0gjsx

Date: Sun, 3 Aug 1997 14:38:31 -0400
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: "qrpforum" <qrp-1@Lehigh.EDU>
Subject: [24257] Broadband Amp
Message-ID: <199708031838.0AA27129@mh004.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Gang,

To paraphrase Thomas R. Marshall, "What this country needs is a good 5 watt broadband amp."

Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. -- Benny Hill

Date: Sun, 3 Aug 1997 14:57:21 -0400
From: Scott Bauer <ke3nv@erols.com>
To: qrp-1@Lehigh.EDU
Subject: [24258] operating at QRPp level
Message-ID: <199708031857.0AA11417@smtp3>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello,

Im sure that many of you have read this a million times in the past but I want to throw in my 2 cents worth as I have turned down the juice in a couple of rigs and really noticed a big difference in the number of QSOs lately. I have been very lucky at the 3 watt level on all bands using a ground plane.

Using a GM-15 at 800mw has given me a few contacts even with the poor conditions. It is now at 500mw and with 1

QSO in the log.

I did make a couple contacts in the NA contest on 10 meters using a GM-10 at 500mw and a Mosley ground plane. It seemed almost effortless and I was very happy to get the contacts but this made me very curious as to why I cant get a QSO with my 38 spcl at 300mw. I decided to turn down the juice in the Emtech 30 meter rig to 500mw to see if there would be any luck with the extra 200mw out. No luck at all. Boy one sure can get lonely. Called CQ and tried to answer CQs for hours on 30 meters with no luck. The ground plane is only reflecting about 5mw back to the rig, so it cant be the antenna. Tonight I will turn the GQ-40 down to 500mw and see what kind of luck 40 meters gives.

After building a bunch of S&S gear at 3 watts on 20, 30, 40 and 80 meters, I have decided to build another pile of rigs just for mw use. This is entirely a new game.

I never realized how much of a difference there is between 3 watts and 1/2 watt. This is going to be tuff! I sure give you full time QRPp-ers a pat on the back! You sure work hard for those contacts. I hope to work some of you eventually.

Sorry for the bandwidth, but this is new and exciting!

72 Scott W3CV

72&73 de Scott Bauer W3CV, Odenton, MD. grid FM19. Formerly KE3NV
Fists 1502 QRP Nut SWL Truck Pilot ARRL

visit my web page at <http://www.erols.com/ke3nv/>
QRP-L 728

Date: Sun, 03 Aug 1997 14:45:09
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [24259] RE: railroad tracks
Message-ID: <3.0.1.16.19970803144509.1b0f40e0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Geezz, Now you got me thinking...We've got a set of soon-to-be-abandoned RR tracks about 100 ft behind the shop here. Actually, haven't seen a train on them in months. Should I use them for a ground or a zillion wave length 40 M antenna? Feed them with open wire, one side to each track? Hmmmmmm...

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Sun, 3 Aug 1997 12:48:08 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Steven Weber <kd1jv@moose.ncia.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [24260] RE: railroad tracks
Message-ID: <Pine.BSI.3.96.970803124601.28983B-100000@usr09.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 3 Aug 1997, Steven Weber wrote:

> Geezz, Now you got me thinking...We've got a set of soon-to-be-abandoned RR
> tracks about 100 ft behind the shop here. Actually, haven't seen a train on
> them in months. Should I use them for a ground or a zillion wave length 40
> M antenna? Feed them with open wire, one side to each track? Hmmmmm...
>

At a spacing of 4'8 1/2", I wonder what is the characteristic impedance of a railroad track??? Now THERE's a ladder line.

And what is the plural of abicus?

I know I'm gonna hear about this!

I gotta go.

Regards,

Chris

/ If you understand it, \
/ then it's obsolete! \
\
- | /
oo\
(--)\
\
.\ ' .

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

```

\ \ / \
\ ' " \
. ( ) \
'-| )__| :. \
| | | | \ '.
c__; c__; '-..'>.__

```

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com

Graphics by Loek Frederiks

Date: Sun, 03 Aug 1997 17:08:57 -0400 (EDT)
From: n4js@amsat.org
To: qrp-l@Lehigh.EDU
Subject: [24261] SSB Contest-BAH!
Message-ID: <XFMail.970803171431.n4js@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

Well, now I appreciate CW more. At least my GM20 is no longer a "virgin" made 2 qsos on 20M, both with QRO stations. Tried to work K0FRP, but he never got my number. I'd repeat it a few times, and he'd call CQ again. I'd call again, he'd ask for my number, I'd repeat it, and when I turned it over, he was calling CQ again!

Heard some nut broadcasting rap music, another qso that sounded like an argument in a R rated movie, and, oh yes, a gay and lesbian net. (No judgements, just an observation).

Think I'll stick to CW. This was my first venture into SSB for a long time, and probably the last for a while. I think I'll work on getting my speed up to 35 wpm or so.

Sent at 17:14:31 on 03-Aug-97

```

_ _ _ _ _ John L. Sielke n4js@amsat.org n4js@pobox.com
| \ | | | | _ | | / _ _ | n4js@qsl.net NJ Grid:FM29LN
| . ' | | _ _ | | | \ _ _ \ http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
| _ | \ | | _ | \ _ _ / | _ _ / QRP-ARCI #9328 CQC #443 CQrp #50
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
WIMPS Qs=032 30m=29 17m=3 12m=0 States=09/02/00 Countries=16/02/00

```

End of QRP-L Digest 807
